

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	10/502,344	Confirmation No. :	9192
First Named Inventor	:	Richard ROSS		
Filed	:	July 23, 2004		
TC/A.U.	:	Unassigned		
Examiner	:	Unassigned		
Docket No.	:	100042.55084US		
Customer No.	:	23911		
Title	:	Polypeptide Variants		

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §§ 1.97 AND 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

An English abstract is being submitted herewith for the reference listed on the PTO 1449 form as AH.

Applicant encloses herewith a copy of a corresponding foreign Search Report citing such documents, together with an English-language version (if not already included) of that portion of the Search Report indicating the degree of relevance found by the foreign office.

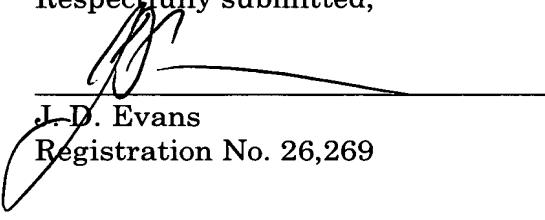
The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

If necessary, the paper should be considered as a petition for consideration of the Information Disclosure Statement under 37 C.F.R. § 1.97(d)(2) and that the petition fee set forth in 37 C.F.R. § 1.17(i) in accordance with 37 C.F.R. § 1.97(d)(3) should be charged to Deposit Account 05-1323, Attorney Docket No.: 100042.55084US.

Respectfully submitted,

May 11, 2005

  
J. D. Evans  
Registration No. 26,269

CROWELL & MORING LLP  
Intellectual Property Group  
P.O. Box 14300  
Washington, DC 20044-4300  
Telephone No.: (202) 624-2500  
Facsimile No.: (202) 628-8844  
JDE:lck

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Substitute for form 1449A/PTO		<b><i>Complete if Known</i></b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/502,344
		Filing Date	July 23, 2004
		First Named Inventor	Richard ROSS
		Art Unit	Unassigned
		Examiner Name	Unassigned
Sheet	1	of	1
		Attorney Docket Number	100042.55084US

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

FOREIGN PATENT DOCUMENTS					
Examiner Initials'	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
	AC	WO 01/42298 A1	06/14/2001	William C. Fuess	
/	AD	WO 92/03569 A1	03/05/1992	Sangstat Medical Corporation	
/	AE	WO 99/52877 A1	10/21/1999	Smithkline Beecham Corporation	
	AF	WO 00/37642 A1	06/29/2000	Regeneron Pharmaceuticals, Inc.	
.	AG	WO 03/062276 A2	07/31/2003	Asterion Limited	
/	AH	WO 97/23615 A1	07/03/1997	Boehringer Mannheim GMBH	AB

**Examiner Signature** \_\_\_\_\_ **Date Considered** \_\_\_\_\_

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/502,344
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				Art Unit	Unassigned
Sheet	2	of	2	Examiner Name	Unassigned
				Attorney Docket Number	100042.55084US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	AI	<b>GRAHAM J. LIESCHKE, et al., "Bioactive Murine and Human Interleukin-12 Fusion Proteins Which Retain Antiumor Activity in Vivo", Nature of Biotechnology, January 1997, pp. 35-40, vol. 15, XP-002106574</b>			
	AJ	<b>NADINE S. WELCH, "Interleukin-3/Erythropoietin Fusion Proteins: in Vitro Effects on Hematopoietic Cells", Experimental Hermatology, May 1993, pp. 647-655, vol. 21, International Society for Experimental Hermatology, XP-000983864</b>			
	AK	<b>KUNLIANG GUAN, et al., "Eukaryotic Proteins Expressed in Escherichia Coli: An Improved Thrombin Cleavage and Purification Procedure of Fusion Proteins with Glutathione S-Transferase", Analytical Biochemistry Journal, 1991, pp. 262-267, vol. 92, Academic Press, Inc., XP009013567</b>			

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.  
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**Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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